19. Appraise about the anatomy of computer system.

20. Discuss the following functions in MS Excel.

(a) Deleting and adding rows and columns. (4)

(b) Entering data, moving and copying of data. (6)

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APRIL/MAY 2024

FABT32/CABT32 — BIOSTATISTICS AND COMPUTER APPLICATION

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define biostatistics.

2. Summarize about primary data.

3. List the merits and demerits of Median.

4. Show how range is calculated?

5. What is correlation analysis?

6. Summarize about line of Best fit.

7. What is computer?

8. Define primary storage.

9. What is Microsoft Excel?

10. Summarize any two functions of Excel.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain about presentation of data.

Or

(b) Outline the scope of biostatistics.

12. (a) Illustrate the different types of central tendency.

Or

(b) Explain how excel can be utilized to measure central tendency.

13. (a) Construct a scatter diagram and indicate the nature of correlation.

	1	2	3	4	5	6	7	8
Weight of Mother	67	63	65	64	68	70	71	69
Weight of daughter	68	66	67	65	69	68	70	68

Or

(b) Explain the methods of studying regression.

14. (a) Identify and explain the Input devices of computer

Or

(b) Explain the different types of computer language.

15. (a) Identify and explain the steps to open a spreadsheet and save a new workbook.

Or

(b) How to create a graph in Excel? Explain the steps.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the different sampling methods used in biostatistics.

17. Find the mean, median and mode of the following data:

Class	Frequency
0-10	6
10-20	8
20-30	10
30-40	12
40-50	6
50-60	5
60-70	3

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18. What is Student's t test? Explain Students' t test for single population and two samples.